

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference Case 21722	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/EP2004/003110	International filing date (day/month/year) 24/03/2004	(Earliest) Priority Date (day/month/year) 03/04/2003
Applicant DSM IP ASSETS B.V.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. Certain claims were found unsearchable (See Box II).

3. Unity of invention is lacking (see Box III).

4. With regard to the title,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the abstract,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regards to the drawings,

a. the figure of the drawings to be published with the abstract is Figure No. _____

as suggested by the applicant.

as selected by this Authority, because the applicant failed to suggest a figure.

as selected by this Authority, because this figure better characterizes the invention.

b. none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/003110

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A23L1/302 A23L1/303 A23L1/305 A23L1/30 A23L1/275
A23J1/14 A61K8/64

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A23L A23J A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, EMBASE, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
E	EP 1 405 572 A (FRAUNHOFER GES FORSCHUNG) 7 April 2004 (2004-04-07) claims 1-3, 7, 10-21; examples -----	1-12
X	DATABASE WPI Section Ch, Week 199515 Derwent Publications Ltd., London, GB; Class D13, AN 1995-113373 XP002287568 & RU 2 017 434 C1 (GOLOVCHENKO V I) 15 August 1994 (1994-08-15) abstract -----	1, 6, 8, 10
X	US 4 892 727 A (GROLLIER JEAN-FRANCOIS) 9 January 1990 (1990-01-09) column 2, line 7 - line 32 ----- -/-	1, 10

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

8 July 2004

Date of mailing of the international search report

23/07/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Smeets, D

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/003110

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99/11143 A (BUTTIMER EILEEN TERESA ; CANDY MICHAEL JOHN (GB); FITCHETT COLIN STANL) 11 March 1999 (1999-03-11) cited in the application claims -----	10
Y		1-7, 11
X	KING J ET AL: "FUNCTIONAL PROPERTIES OF LUPIN PROTEIN ISOLATES (LUPINUS ALBUS CV MULTOLUPA)" JOURNAL OF FOOD SCIENCE, INSTITUTE OF FOOD TECHNOLOGISTS. CHICAGO, US, vol. 50, no. 1, 1985, pages 82-87, XP002068531 ISSN: 0022-1147 page 83, left-hand column -----	10
Y	EP 1 106 174 A (HOFFMANN LA ROCHE) 13 June 2001 (2001-06-13) paragraph '0026!; claims -----	1-7, 11

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/003110

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
EP 1405572	A	07-04-2004	EP WO	1405572 A1 2004030472 A1		07-04-2004 15-04-2004
RU 2017434	C1	15-08-1994		NONE		
US 4892727	A	09-01-1990	LU BE CA CH DE FR GB IT	86021 A1 905151 A1 1275626 C 669109 A5 3624819 A1 2585244 A1 2178657 A ,B 1196990 B		04-02-1987 23-01-1987 30-10-1990 28-02-1989 05-02-1987 30-01-1987 18-02-1987 25-11-1988
WO 9911143	A	11-03-1999	AU CN EP HU PL RU WO ZA	9206298 A 1268870 T 1009244 A1 0003674 A2 339131 A1 2217979 C2 9911143 A1 9807908 A		22-03-1999 04-10-2000 21-06-2000 28-02-2001 04-12-2000 10-12-2003 11-03-1999 29-02-2000
EP 1106174	A	13-06-2001	EP AU BR CA CN ID JP NO US	1106174 A1 7201500 A 0005801 A 2328025 A1 1300562 A 28598 A 2001172172 A 20006182 A 2001009679 A1		13-06-2001 14-06-2001 27-11-2001 09-06-2001 27-06-2001 14-06-2001 26-06-2001 11-06-2001 26-07-2001